

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,946,799 B2  
DATED : September 20, 2005  
INVENTOR(S) : Kenji Shino et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 26, "currents" should read -- current --; and  
Line 67, "for emitting" should read -- for an emitting --.

Column 3,

Line 28, "them" should read -- what is stated --;  
Line 55, "back it" should read -- it back --; and  
Line 65, "way" should read -- way, --.

Column 4,

Lines 14 and 38, "therefore," should be deleted;  
Line 49, "ratio," should read -- ratio; --; and  
Line 58, "he" should read -- be --.

Column 5,

Line 37, "d" should read -- a --;  
Line 53, "corresponding" should read -- corresponds --;  
Line 54, "a shift" should read -- and a shift --; and  
Line 59, "output" should read -- outputted --.

Column 6,

Line 14, "matrix" should read -- matrix panel. --; and  
Line 30, "above described" should read -- above-described --.

Column 8,

Line 3, "are" should read -- be --; and  
Line 59, "mentioned" should read -- used --.

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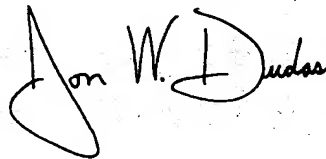
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11,  
Line 15, "and" should be deleted.

Signed and Sealed this

Twenty-eighth Day of March, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*